New York May 15. 1857

Dear Sir

I am highly pleased with your improved furnace door, and would be glad to have them on all our furnaces at once, but having had several new ones, of the old pattern cast a few weeks ago, I shall be obliged to content myself for the present with four, and then replace the others from time to time, as they become warped or cracked. On seeing the new door I was convinced that it will be better to obtain them from your patterns, than to have them cast here, and I am authorised by the Superintendent to request you to send three more.

I cannot agree with you in saying that "Chloride of Silver promotes amalgamation & hence the use of Salt &c in the Amal.n of Silver ores". I believe that the salt is used to convert the Sulphuret of Silver into Chloride, and this in its turn is converted into metallic silver before it can amalgamate with the Mercury. If any Chloride of Silver remains

it is lost in the tailings.

Yours very truly

Edward H. Kent

Prof. Sam'l C. Booth
U. S. Mint.

1857
May 19th
Edwd. N Kent
N. Y.